

MD iMap Technical Committee Meeting Minutes

Place: Maryland Department of the Environment (MDE): Terra Conference Room (Baltimore, Maryland)
Date: 09/21/10
Time: 1:00 PM – 3:00 PM
Attendees: Scott Jeffrey (CCBC), Ashley Buzzeo (CGIS), Jim Cannistra(MDP), Bill Farrington (DJS), Julia Lukens (DBED), Frank Siano (MDE), Brad Spittel (BMC), Marshall Stevenson (Frederick County), Brad Wolters (DHCD), Matt Foley (MDP), Lisa Lowe (DNR) and Michael Bentivegna (CGIS)

AGENDA:

- 1:00PM – 1:05PM Introductions
- 1:05PM – 1:20PM Review of September 7, 2010 Meeting Minutes
- 1:20PM – 1:30PM Application Subcommittee Updates
- 1:30PM – 1:40PM Data and Resources Subcommittee Updates
 - 1:40PM – 2:00PM Community Mapper Discussion
- 2:00PM – 2:10PM Outreach Subcommittee Updates
 - 2:10PM – 2:20PM Vision Statement
- 2:30PM – 2:40PM Security Subcommittee Update
 - 2:40 – 3:00 Security Data Providers Feedback
 Proposal for User Groups for MD iMap Security
 Model Implications

ACTION ITEMS:

Action Items:	Date Assigned:	Follow Up By:
Email Exec. Comm. Charter document and Data & Resources Subcommittee Charter document to Technical Committee membership for use as template in generating future charter documents Emailed out to Kaushik and Scott	9/7/10	Co-chairs
Check for access of Executive Committee SharePoint site for Technical Committee Co-chairs	9/7/10	GIO
Metadata Services No updates, DNR has submitted services from Merlin with metadata Existing data services still not complete, email sent out <ul style="list-style-type: none"> • MDP has provided metadata for all their services on MD iMap • Follow-up concerning how to obtain the missing metadata for services currently being hosted on MD iMap • Email Sent to Kenny • Agency leads from Tech Comm to make progress <ul style="list-style-type: none"> ○ Direct contact of data owners • A listing of services for which metadata is needed was provided. It 	Updated 8/3/10; 7/12/10; 6/22/10; 5/18/2010; Submitted 4/20/10	Technical Committee; GIO

was discussed that some metadata may not be available from the data producers. This is especially true for the parcel data. Metadata at the service level will be written by MDP for parcel data to go along with the MD iMap refresh process.		
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Application Subcommittee Action Items:	Date Assigned:	Follow Up By:
MD iMap Applications adhering to Maryland Website Branding Standards	Updated 9/7/10 Submitted 8/4/10	GIO; Application Owners
Rapid Application Prototype: No charter No update concerning developer for rapid prototype <ul style="list-style-type: none"> Obtain pricing based on specifications of application from CGIS and MES Consolidate list of requirements for a rapid application deployment option (Phase 1) 	Updated 9/7/10 Submitted 7/12/10	GIO
Rapid Application Prototype: Recheck that email was sent out by Kaushik Where is the programmer going to be hosted? Proposal and cost estimate through DoIT? JavaScript suggested as easiest language for quick deployment Creating a MD iMap Open API Focus on Security with Executive COmm before we get into Rapid Proptotype What cannot be done without security <ul style="list-style-type: none"> Email programmer specifications to Technical Committee Email consolidated list of requirements to Technical Committee 	Submitted 9/7/10	Kaushik Dutta
Rapid Application Prototype: <ul style="list-style-type: none"> Email application specifications to MSGIC email distribution list for comment/input 	Submitted 9/7/10	Scott Jeffrey
<ul style="list-style-type: none"> Generate a Charter – In Progress Developer’s page has been developed and posted to DNR website. Review and provide email comments to Lisa Lowe. Table developed of 57 requirements. Includes keywords such as service, tools, etc. It is 95% complete and will be available for review soon – DONE Google search still needs to have the redirect corrected for MD iMap – DONE Discussion and agreement about applications being expandable to higher resolution monitors. 	Updated 9/7/10; 8/4/10; 6/22/10 Submitted 4/20/10	Application Subcommittee
<ul style="list-style-type: none"> Recruit a developer to participate from MES – DONE Follow up w/Brooks Weaver, Tim Palmer and Kenny Miller – DONE Discussion about impact of changes to data standards and how they impact application usability. Any data changes need to correspond to the application since MD iMap is application centric. 	Updated 8/4/10; 6/22/10 Submitted 4/6/10	Kaushik Dutta

Data Subcommittee Action Items:	Date Assigned:	Follow Up By:
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Google Urchin <ul style="list-style-type: none"> • Provide categories to be included in statistical output report 	9/7/10	GIO
Community Mapper Email community mapper agreement to the group <ul style="list-style-type: none"> • Get agreement from Esri to Kenny Miller for review • Ask Esri (Anthony Puzzo) if projecting on-the-fly in ArcGIS Server map services is possible <ul style="list-style-type: none"> ◦ Email sent 9/14/10 and response received 	Updated 9/21/10 Submitted 9/7/10	Co-chairs
Community Mapper <ul style="list-style-type: none"> • Get county buy-in for participation • Ask if Esri will edgematch county provided centerlines • Review agreement • Determine what data to contribute 	9/7/10	Technical Committee
Respond to Data Layer Prioritization Email <ul style="list-style-type: none"> • Resent email & received 9 responses • Currently compiling responses 	Submitted 5/4/10	Data Subcommittee
Cache Tile Recommendation <ul style="list-style-type: none"> • Provide Executive Committee with one-page briefing concerning pros and cons of Esri caching schema and Community Mapper participation, include timeline for decision • Follow up with NSGIC State Responses • ESRI Community Map Program - DONE <ul style="list-style-type: none"> ◦ Research this product ◦ Demo from ESRI • Will be sticking with current scaling levels for caching. ESRI, Google and Bing all have same tiling scheme. A decision to change the scheme used by the private vendors will be made after security issues are addressed. 	Updated 9/7/10 Submitted 5/4/10	Data Subcommittee, Ashley Buzzeo
Data Subcommittee: <ul style="list-style-type: none"> • Draft a Charter – in progress 	Updated 9/7/10 Submitted 4/6/10	Data Subcommittee
Follow up with Policy & Procedures documentation for Data Submission and Services Submission <ul style="list-style-type: none"> • Plans to pick this up again at the end of Summer 2010 	3/16/10	CGIS, Data Subcommittee

Outreach Subcommittee Action Items:	Date Assigned:	Follow Up By:
Vision Statement <ul style="list-style-type: none"> • Email 4 choice to Technical Committee by COB 9/7/10 • Provide comments/edits back to Scott by COB 9/9/10 • Provide final response and resolution to Technical Committee by COB 9/17/10 	9/7/10	Scott Jeffrey; Technical Committee
Obtain feedback concerning how to improve upon current outreach strategies	5/18/10	Outreach Subcommittee
Generate an email including a brief explanation of the Tech Comm's vision and the Portal web address (Include Lisa Lowe) <ul style="list-style-type: none"> • Email will be blasted by Tech Comm members to extended GIS community • Vision document needs to be updated to be included 	Updated 5/18/10; 4/20/10	Outreach Subcommittee
Outreach Subcommittee:	4/20/10	Outreach

<ul style="list-style-type: none"> Recruit participants Setup a meeting / conference call with all participants 		Subcommittee
Outreach Subcommittee: <ul style="list-style-type: none"> Generate a Charter 	4/20/10	Outreach Subcommittee
Obtain additional MD iMap Technical Committee members through outreach <ul style="list-style-type: none"> Email potential new members (Doug Adams has potential member emails) 	3/16/10	Outreach Subcommittee, Co-chairs

Security Subcommittee Action Items:	Date Assigned:	Follow Up By:
Security Model Documentation <ul style="list-style-type: none"> Draft document for Security Model Demo for next Executive Committee meeting (10/27/10) 	8/3/10	Security Subcommittee
Obtain Enterprise Security Mapping Models from other states — DONE <ul style="list-style-type: none"> Exploring other states and users. Many other use communities tend to be more centralized in administration. Exploring software that supports auto-registration of secure services. 	5/4/10	Security Subcommittee

MEETING NOTES:

Introductions

- Round-the-room.

Data Subcommittee

CGIS internal documentation – next two weeks

Application submission guidelines (walk through functionality testing, deployment requirements)

Data submission guidelines

Service submission guidelines

Web testing procedures

Application project sheet – roles of who is who, contacts, developer, owner of application, point of contact

Not met since last tech comm meeting

Action item: document from Kenny concerning Google Urchin report inclusion → received by Ashley

Internal meeting tomorrow afternoon based on report inclusions

Parcel service has been submitted by Jim C and in production

Message information out to user community (tweet and post on portal)

Msgic should be notified and perhaps through LinkedIn

Old parcels will still be out there and need to discuss

6in imagery full cached 1:200 scale, on pre-release

Gazateer and hybrid fully cached on pre-release

Move to production

All other cached map services are not cached down the extra three levels

Solution: turn on caching on demand, for other cached services

Has anyone tried using caching on demand yet?

Suggestions being solicited for resolutions

Broadband map release

Comment feed on application

A lot of comments and questions have been coming in concerning the basemap

- Compiling a list of comments for future improvements of basemaps

- Group county versus state changes that are required (by owner of data)

- Hits on the site (being tracked through Google Urchin)

Charter

Passed to the group for comment

Friday of last week – Pictometry gave presentation to MDP (10 – 15 people)

Asking them for information about state agencies they have projects with, counties that have been required

Licensed product, so any state agency could get county information, at a cost

Counties can give to municipalities at no charge (tiered set up, so highest denominator pays and can pass downward)

6 – 7 counties have pictometry imagery

MDP considering taking advantage of this available information

Community Mapper

Opening the door for everyone else, are we prepared for requests?

How have other states done it? – will only take data from owner of data?

- Other states that push out local data, what is the agreement?

- Can you accept county data through the state or do you have to get it from the data owner? – Anthony

Participate on things that are unique features on a statewide level and still serve a local level

MD iMap download capabilities in the future and make those available to Esri in the future

- This eliminates the agreement issues

- Basemap is all publicly available at this time

- Anyone else who wants it can download it from MD iMap

Start with 3 – 5 layers and keep working on getting additional layers to be included

How often are the updating the basemap in community mapper?

Baltimore City – Samantha Corbin participating in the Community Mapper program

Cleaning, edgematching, normalization

Gazateer: municipal, county, state, sha centerlines, military base/federal lands, streams, populated places

Outreach Subcommittee

Template for charter received, working on draft, send out before next meeting for comment

Vision Statement: put in front of exec comm of what md imap wants to be not what it is

Prepare briefing for exe comm for notification

Next Steps: update vision document bullet points

Objectives or mission steps

Action item: draft objectives out for discussion for next comm meeting

Security Subcommittee

Draft of first step for securing MD iMap

Not figure out total solution, want to find a workable interim solution that gets us going but keeps doors open for the future

City of Laurel, PG County, AA County, Howard CO – emergency responder data sharing effort

CGIS putting together white paper on pros and cons of initiative

How to get GIS operational between agencies for incidents on the ground

How do we drill and exercise with GIS?

GeoRSS feed for sharing CAD data (sensitive data), AVL information

Requested a state repository – security issues came up

Not communicating well about resource that's available, more valuable when it is downloadable

Action Item – marketing MD iMap

All current datasets can be setup to be downloadable immediately (WFS services)

Tested and successful

All datasets except for two (vector parcels and centerlines)

Current services are limited for interactivity (no analysis, etc)

Want local copy for desktop

First Iteration:

Apply COTS security package (authorization, authentication)

Secure services at the application level (token passed back and forth between service and application)

COTS package requires a component that needs to be put into applications and tested

Application authenticates

User is authenticated to get to layer

Geoportal extension is free with ArcServer 10 (on MD iMap)

Public layers make available as feature service and allow clip, zip and ship

Desktop community: make data exportable, sign MOU to follow guidelines of downloaded data

All security at application level and simplifies security because it's secured at application level

Groupings are defined by way services are setup and one folder deep is limiting and organization is not ideal

Associated cost to house data on secure portions of MD iMap? – Kenny Miller

Current restraints are capacity for storage

Start with middle security that already use passwords, secure ftp sites for sharing etc (government use data)
Want to avoid HIPA security requirements (avoid during first step)

Categories: public, quasi government, commercial, government non-sensitive and government secure

Next step: policy and procedures (snapshot, best guess)
categories

Outsourcing for downloading service? – host data and secure it
Compare costs outsourcing to doing it in-house

Meeting to be scheduled within the next two weeks

Architecture and proposal written up by Michael

When do we move to Arc10 and what does that mean?
New cache scheme will be used for cached Community Mapper data from Esri

-END MEETING-